

## **POOR LEGIBILITY**

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# LOEB & LOEB LLP

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November 29, 2000

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

John Kemmerer, Chief  
Site Cleanup Branch, Superfund Division  
U.S. Environmental Protection Agency  
Region IX  
75 Hawthorne Street  
San Francisco, California 94105-3901

Brett P. Moffatt  
Assistant Regional Counsel  
U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, California 94105

*Bankrupt*

Re: Stoody Company; Property Located at 16425 Gale Avenue, City of  
Industry, California (the "Gale Avenue Property")

Dear Mr. Kemmerer and Mr. Moffatt:

This firm represents Stoody Company ("Stoody") in connection with the Gale Avenue Property, which is located within the Puente Valley Operable Unit of the San Gabriel Valley Superfund Site in Los Angeles County, California. By this letter, Stoody respectfully responds to the U.S. Environmental Protection Agency's ("EPA") October 28, 2000 Special Notice Letter by providing the EPA with a good faith settlement offer to resolve its alleged liability for contribution to the groundwater contamination in the Puente Valley.

Stoody is working cooperatively with the Puente Valley Steering Committee ("PVSC") in an effort to contribute its fair share to the overall groundwater cleanup in the Puente Valley. Stoody desires to resolve its alleged liability for the groundwater contamination and therefore participated in the PVSC mediation sessions before Judge Phillips. Although Stoody was not able to reach settlement with the "Tier A" PVSC group during the mediation sessions, Stoody has continued its dialogue with the Tier A



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PVSC members. Unfortunately, there is a significant difference between the demand of the Tier A group and Stody's offer for the groundwater contamination in the Puente Valley.

In a good faith effort to resolve its liability for contribution to the groundwater contamination in the Puente Valley, Stody hereby offers to settle with the EPA for \$300,000. This offer is consistent with the technical evidence, which suggests that the shallow soil contamination detected on the Gale Avenue Property is not a significant source of groundwater contamination. Moreover, the evidence demonstrates that contaminants are migrating to and across the Gale Avenue Property from significant up-gradient sources such as Textron, Spectrol, Utility Trailer and BDP.

**1. THE GALE AVENUE PROPERTY**

Stody conducted manufacturing operations on the Gale Avenue Property from 1976 through 1991. Prior to 1971, the Gale Avenue Property was undeveloped and used for agricultural purposes. Stody purchased and began developing the Gale Avenue Property in 1971. From 1976 through November of 1991, Stody used the property for manufacture and distribution of welding products such as welding rod and wire. Former Stody employees report that the only contaminate of concern used by Stody - - in minimal amounts - - was 1,1,1-TCA. Stody's manufacturing operations ceased in November of 1991, and since that time the Gale Avenue Property has been used by Stody for limited warehousing and shipping activities. Attached as Exhibit 1 is a map of the Gale Avenue Property.

**2. THE GALE AVENUE PROPERTY IS NOT A SIGNIFICANT SOURCE OF GROUNDWATER CONTAMINATION IN THE PUENTE VALLEY OPERABLE UNIT**

The Gale Avenue Property is not a significant source of Volatile Organic Compound ("VOC") groundwater contamination in the Puente Valley Operable Unit ("PVOU"). Although minimal concentrations of VOCs were detected in shallow soils at the Gale Avenue Property, it does not appear that those contaminants significantly impacted groundwater. Rather, an analysis of past and present groundwater conditions clearly show that elevated levels of VOCs, including PCE, TCE, 1,1-DCE, and 1,2-DCE, are migrating onto the Gale Avenue Property from no less than nine identified up-gradient sources with at least four - - Textron Corham, Spectrol, Utility Trailer, and BDP - - having created groundwater plumes of significant concentration and size containing VOCs. Concentrations of these upgradient VOCs migrate onto the Gale

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Avenue Property, with concentrations decreasing across the property. Because the levels of VOCs decrease as they pass over the Gale Avenue Property, it does not appear that the property is not contributing to the VOC contamination in the Puente Valley Operable Unit.

The evidence suggesting that contaminants are migrating beneath and across the Gale Avenue Property from upgradient sources is further supported by a discrete tracer contaminate, Freon 113. Freon 113 was never used by Stoodly, and was not detected in soil sampling at the Stoodly Property. However, Freon 113 is present in upgradient groundwater monitoring wells in concentrations well above those detected in groundwater monitoring wells on and downgradient of the Gale Avenue Property. This evidence suggests that Freon 113 is migrating, along with VOCs, from upgradient sources of contamination to and across the Gale Avenue Property.

**A. Stoodly Soil Investigation Results**

Following a March 1988 site inspection by Regional Board staff, Stoodly was required to perform a subsurface soil investigation at two designated areas: (1) the east corner of the site which contained a chemical waste barrel storage area, a three-state clarifier and a sump; and (2) the north corner of the site which contained the general storage area. The results from these three investigations included, in addition to elevated petroleum hydrocarbon findings, soil concentrations of PCE and, to a lesser extent, TCE and PCE/TCE degradation products. No Freon 113 was detected in soil on the Gale Avenue Property. Attached as Exhibit 2 is a site map with the locations of the former clarifier and sump and locations and results from the subsurface soil investigations. The PCE findings were as follows:

- From a total of 5 soil borings to 10' below ground surface ("bgs") in the two locations described above PCE was found near the sump at 5' bgs in a concentration of 220 parts per billion ("ppb") which decreased to "nondetect" ("ND") at 10' bgs in the same location (Investigation No. 1).
- From a total of five borings to 10' or 10.5' bgs at the sump and clarifier, PCE was found near the sump at 1' bgs in a concentration of 160 ppb which decreased to 8 ppb at 10' bgs; in a different soil boring near the sump, PCE was also found at 5' bgs at 82 ppb which decreased to 53 ppb at 10' bgs; 35 ppb PCE was found at 1' bgs at a third near-sump location, decreasing to 10 ppb at 10' bgs. At the clarifier, 6 ppb PCE was found at both the clarifier inlet and outlet pipes at

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6.5' bgs; in both cases, the PCE concentration increased to 10 ppb at 10.5 bgs (Investigation No. 2).

- From a total of five borings to 30' bgs at the sump and clarifier, samples were obtained every 5' to 30' bgs. At the sump, PCE was found in one boring at 1' bgs in a concentration of 140 ppb which decreased to 8 ppb at 30' bgs. PCE was found at another near-sump boring at 1' bgs in a concentration of 170 ppb which decreased to 17 ppb at 30' bgs. At the clarifier, PCE was found in trace amounts which decreased to ND at 30' bgs (Investigation No. 3).

The less prevalent TCE findings were as follows:

- From the Investigation No. 2 borings (5 borings to depths of 10' or 10.5' bgs), TCE was found at the sump at 5' bgs at 10 ppb which decreased to 5 ppb at 10' bgs; and in two borings at the clarifier, only at 10.5' bgs, in concentrations of 6 ppb and 3 ppb, respectively.

- From the Investigation No. 3 borings (5 borings to 30' bgs), TCE was found at the sump at 1' bgs at 62 ppb which decreased to ND at 5'-25' bgs; and at 1' bgs at another sump location at 1' bgs which decreased to ND at 5'-30' bgs.

Findings of potential breakdown products from TCE/PCE at the sump included:

- From an Investigation No. 2 boring (to 10' bgs), at 1' bgs, 700 ppb trans-1,2-dichloroethene which decreased to 14 ppb at 10' bgs.

- From an Investigation No. 3 boring (to 30' bgs), at 1' bgs, 410 ppb total 1,2-dichloroethene which decreased to ND at 30' bgs; from a second Investigation 3 boring (to 30' bgs), 50 ppb total 1,2-dichloroethene which decreased to 9 ppb at 30' bgs.

- From the same Investigation No. 3 boring noted above, respectively, at 1' bgs, 400 ppb cis-1,2-dichloroethene which decreased at 30' bgs; and at 1' bgs, 500 ppb cis-1,2-dichloroethene which decreased to ND at 10'-30' bgs.

Although soil beneath and surrounding the former sump and clarifier at one time contained minimal levels of VOCs, the sump, clarifier and surrounding soil were removed to eliminate any contamination and prevent contact with the groundwater.

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Because the current groundwater concentrations beneath the Gale Avenue Property are consistent with those measured three to six years ago, the property is in relative equilibrium both before and after the removal of the sump, clarifier, and contaminated soil illustrating that the contamination on the Gale Avenue Property has not significantly impacted the groundwater beneath the Property.

**B. Stoody Groundwater Monitoring Results**

Six quarters of groundwater monitoring investigations occurred from June of 1989 to 1995 on the Gale Avenue Property. Based on the directional groundwater flow to the northwest, Stoody's consultant concluded that Monitoring Well ("MW")-4 is the furthest upgradient well on the site. MW-1 and MW-3 are downgradient wells from MW-4. Also based on the directional flow, MW-3 is downgradient from MW-2. MW-5 was put in at the clarifier to see if the groundwater directly beneath the clarifier contained higher concentrations of PCE or TCE than the other wells. MW-5 was removed during the excavation of the clarifier and the sump and the surrounding soil. Attached as Exhibit 3 is a site map showing groundwater monitoring well locations, groundwater directional flow and a historical groundwater monitoring data chart.

The contaminate levels from upgradient MW-4 to downgradient MW-2 show a diminishing trend which typically indicates that VOCs are migrating onto the Gale Avenue Property from upgradient sites. In fact, Stoody's present and previous consultants have repeatedly concluded that, insofar as the most upgradient well on the site, MW-4, contains elevated levels of TCE and PCE, those contaminants must be migrating underneath the site from an offsite source. As the MW-5 results (directly beneath the clarifier) are not significantly higher than the MW-4 results (most upgradient well) there is no evidence that the clarifier is a source of contamination.

Groundwater samples were additionally collected in October of 1998 to assess site specific and regional groundwater trends. The data provides as follows:

- PCE was detected on the Gale Avenue Property in maximum concentrations similar to those detected in 1994. Concentrations in the upgradient wells, MW-4 and MW-1, were 120 and 37 parts per billion ("ppb"), respectively, which is similar to the 1994 data of 190 and 67 ppb for the same wells. MW-2 detected maximum PCE concentration of 100 ppb in 1998 and 150 ppb in 1994. The downgradient well, MW-3, detected maximum concentrations of PCE of 18 ppb in the current study and 9.3 ppb in 1994.

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- TCE concentrations reported in the current Gale Avenue Property study were also similar to the results of the data collected in 1994. Concentrations in wells MW-4 and MW-1 were detected at maximum concentrations of 37 and 28 ppb, respectively, while the concentrations in 1994 were 29 and 35 ppb for the same wells. Well MW-2 detected a current maximum concentration of 38 ppb and in 1994 detected 9.2 ppb (although previous monitorings showed concentrations of up to 35 ppb). The downgradient well MW-3 detected maximum TCE concentration of 17 ppb while in 1994 this well detected maximum concentrations of 5.4 ppb.

- 1,1-DCE concentrations detected on the Gale Avenue Property in 1998 were similar to the 1994 data and the historical data gathered from this well on the Gale Avenue Property. The upgradient wells, MW-4 and MW-1 detected maximum 1,1-DCE concentrations of 17 and 22 ppb, respectively, while the 1994 data detected maximum concentrations of 14 and 19 ppb for the same wells. Well MW-2 detected a current maximum 1,1-DCE concentration of 19 ppb and in 1994 detected a maximum concentration of 4.3 ppb. Previous monitoring of MW-2 fluctuated between 1.2 ppb to 13 ppb. The downgradient well MW-3 detected a maximum concentration of 10 ppb and in 1994 detected 0.9 ppb. Similar to MW-2, this well had previously fluctuating data from less than 1 ppb to 44 ppb.

- Although 1,1,1-TCA and 1,2-DCE were not detected during the current study, they may be present in concentrations of less than the reporting limit of 5 ppb. Both contaminants were previously measured in maximum concentrations of less than 5 ppb at the Stody site. The MCL for 1,1,1-TCA is 200 ppb and for 1,2-DCE is 6 ppb.

The current monitoring data demonstrates that no significant change to the regional groundwater contaminate plume has occurred over the period of groundwater monitoring on the Gale Avenue Property, from 1992 to 1998. This data demonstrates that despite the removal of the only potential source of VOC contamination on the property - - the sump and clarifier and all surrounding soil to the sump and clarifier - - the VOC concentrations in groundwater beneath the site remain unchanged over several years. Therefore, the Gale Avenue Property has not significantly contributed VOCs to groundwater before or after the sump and clarifier were removed.

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**C. Regional Groundwater Trends**

Contaminant concentrations from both the Stoody 1998 groundwater data sets and from the CDM 1995 data sets were analyzed by Stoody's present consultant, The Source Group. Volatile Organic Compounds ("VOCs"), including PCE, TCE, 1,1-DCE, 1,2-DCE and 1,1,1,-TCA as well as Freon 113 were detected in upgradient groundwater monitoring wells in concentrations above those detected on the Gale Avenue Property. Several sources for these contaminants are located directly upgradient of the Gale Avenue Property. Specifically, in relation to the Gale Avenue Property and groundwater flow directions onto the site, two main areas represent the source for contaminants that migrate on to the site: the Textron Corham and Spectrol areas; and the BDP/Utility Trailer area. Both of these source areas appear to have contributed significant amounts of contaminants, judging by the concentration of contaminants emanating from these sites, to the Gale Avenue Property and surrounding areas. Attached as Exhibit 4 is a Regional Map depicting the Gale Avenue Property in relation to these two potential source sites.

**i. PCE Migration**

The analysis conducted by The Source Group reveals that the two up-gradient source areas - - the Textron Corham and Spectrol area and the BDP/Utility Trailer area - - can be identified as contributing to the PCE concentrations beneath the Gale Avenue Property. The following wells are all upgradient to the former sump and clarifier areas; MW-1, MW-2 (upgradient to the former clarifier but not the sump area) MW-4, MW-17, and MW-16 and show PCE concentrations of 67, 150, 190, 140, and 220 ppb, respectively. All five wells detected maximum PCE concentrations greater than the maximum concentrations found in the downgradient wells, MW-3 and MW-23 at 9.3 and 42 ppb, respectively. From this data, it is evident that at least 200 ppb of PCE is entering the property from the east-northeast and attenuating to less than 10 ppb on the west side of the property. The former Stoody sump and clarifier areas do not appear to be adding any PCE to the plume across the entire length of the site. Attached as Exhibit 5 is The Source Group Site Specific PCE Plume Map and Regional PCE Plume Map.

This evidence of PCE migration from upgradient source areas is further supported by the CDM data contained in the *Final Remedial Investigation Report* (May 30, 1997). Figure A to the CDM Report - - attached as Exhibit 6 - - shows significant concentrations of PCE entering the groundwater in the vicinity of the two source areas located to the northeast of Stoody. Additionally, PCE is shown to be

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migrating from the area of Textron, Corham and The Spectrol sites, located to the east-southeast of the Stoodly Property. CDM Figure A shows the PCE contaminate plume at 20-10 times MCLs at the upgradient sources areas, and migrating through the Stoodly Property at concentrations of 10 times MCLs. This data again reveals that the PCE contaminate plume originates upgradient of the Gale Avenue Property, migrates and dissipates across the Stoodly Property.

**ii. TCE Migration**

Similar to the contaminant plume migration pattern of PCE, TCE is migrating onto the Gale Avenue Property from both the northeast and east to southeast in concentrations of approximately 30 ppb. The upgradient wells on the Stoodly site, MW-4, and MW-1, detected maximum TCE concentrations of 29 and 35 ppb, respectively. TCE concentration detected in the CDM wells to the northeast were 30 ppb and 16 ppb in wells MW-16 and MW-17, both upgradient of the Gale Avenue Property. The downgradient well on the property detected a marked decrease in maximum TCE concentrations to 5.4 ppb. The CDM wells to the north of the Stoodly site also detected a decrease in maximum TCE concentrations of 12 ppb in MW-18 and 8.4 ppb in MW-23. It is evident from this analysis that TCE contaminants are migrating onto the Gale Avenue Property from the northeast and the east-southeast in concentrations above those which are exiting the Stoodly Property to the northwest and west. Attached as Exhibit 7 is The Source Group Site Specific TCE Plume Map and Regional TCE Plume Map.

This contention is further supported by the CDM data sets. CDM Figure B from the *Final Remedial Investigation Report* (May 30, 1997) - - attached as Exhibit 8 -- shows significant concentrations of TCE entering the groundwater in the vicinity of BDP and Utility Trailer, located to the northeast of Stoodly. In addition, TCE is shown to be migrating from the area of Textron, Corham, and Spectrol sites, located to the east-southeast of the Stoodly site. CDM Figure B shows the plume migrating through the Stoodly site at concentrations of 10 times MCLs, which equates to between 50 ppb to 100 ppb TCE. In addition to the wells located to the north of the Stoodly site, CDM Figure B shows a well located just south of the Stoodly site on Gale Avenue. This well detected maximum concentrations of TCE of over 20 times MCLs or greater than 100 ppb. As this area is cross-gradient to the Stoodly site, it is not likely that the TCE contamination on the Stoodly Property results from upgradient sources and not the Stoodly sump and clarifier areas. Therefore, the minimal TCE concentrations detected

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on the Stoodly Property are likely the result of migrating upgradient sources of TCE contamination.<sup>1</sup>

**iii. Freon Migration**

Freon 113, used primarily in the manufacture of air coolant products, was never used by Stoodly and was not detected in soil sampling on the Gale Avenue property. Freon 113 was however detected in the groundwater beneath the Gale Avenue Property and in upgradient groundwater monitoring wells. The concentrations of Freon 113 detected in the upgradient off-site wells was significantly higher than the levels detected on the Gale Avenue Property illustrating that Freon 113 is migrating from off-site, up-gradient sources. Specifically, Freon 113 was detected in maximum concentrations on the Gale Avenue Property in wells MW-1, MW-2, and MW-3 of 3.3, 2.7, and .6 ppb, respectively. The upgradient well, MW-4, detected Freon 113 at 4.8 ppb. Freon 113 was also detected on the upgradient Spectrol site at 1,900 ppb. Because Freon 113 was detected in the groundwater sampling events conducted on the Stoodly Property at significantly lower levels than at the Spectrol site, the data supports that Freon 113 is migrating onto the Stoodly Property from upgradient sources. Stoodly never used Freon 113 and Freon 113 was not detected in the soils on the Gale Avenue Property. As such, Freon 113 is a discrete tracer contaminant illustrating that migration from upgradient sources to and across the Gale Avenue Property. It is likely that VOCs, too, are migrating with the Freon 113 from upgradient sources to and across the Gale Avenue Property.

**3. CONCLUSION**

The weight of the technical evidence supports that Stoodly has not significantly contributed to the regional groundwater contamination in the Puente Valley Operable Unit. Although minimal concentrations of VOCs were detected in the soil on the Gale Avenue Property, these contaminants listed did not reach groundwater. However, in a good faith effort to resolve its alleged liability for the groundwater contamination in the Puente Valley, Stoodly hereby offers to settle with the EPA \$300,000.

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<sup>1</sup> Other VOCs including 1,1-DCE, 1-2-DCE, and 1,1,1 TCE show similar patterns. These results are set forth in Appendix A, attached to this letter as Exhibit 9.

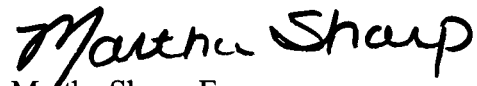


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If you have any questions or need further information please contact me.  
Otherwise, we look forward to your response to Stoodly's offer to settle.

Sincerely,

  
Martha Sharp, Esq.

LA253885.1

Enclosures

cc: Patricia S. Willaims, Esq.  
Malissa Hathaway McKeith, Esq.



SOUTHERN PACIFIC RAILROAD

FORMER SUMP  
LOCATION

FORMER CLARIFIER LOCATION  
AND APPROXIMATE REMEDIATION AREA MW-2

ASPHALT

MW-5  
(ABANDONED)

MW-1

MW-4

ASPHALT

BUILDING FOOTPRINT

CHAIN LINK FENCE

ASPHALT

APPROXIMATE PROPERTY BOUNDARY

EAST GALE AVENUE

AYTON ENVIRONMENTAL CONSULTANTS, INC.  
35 CORPORATE AVENUE, SUITE 150  
PRESS, CALIFORNIA 90630

PROJECT NO:

11181

SCALE:

NTS

SITE LAYOUT MAP

THE STOODY COMPANY  
16425 E. GALE AVENUE  
CITY OF INDUSTRY, CALIFORNIA

DRAWN BY: LWV

CHECKED BY: CV

DATE: 3/94

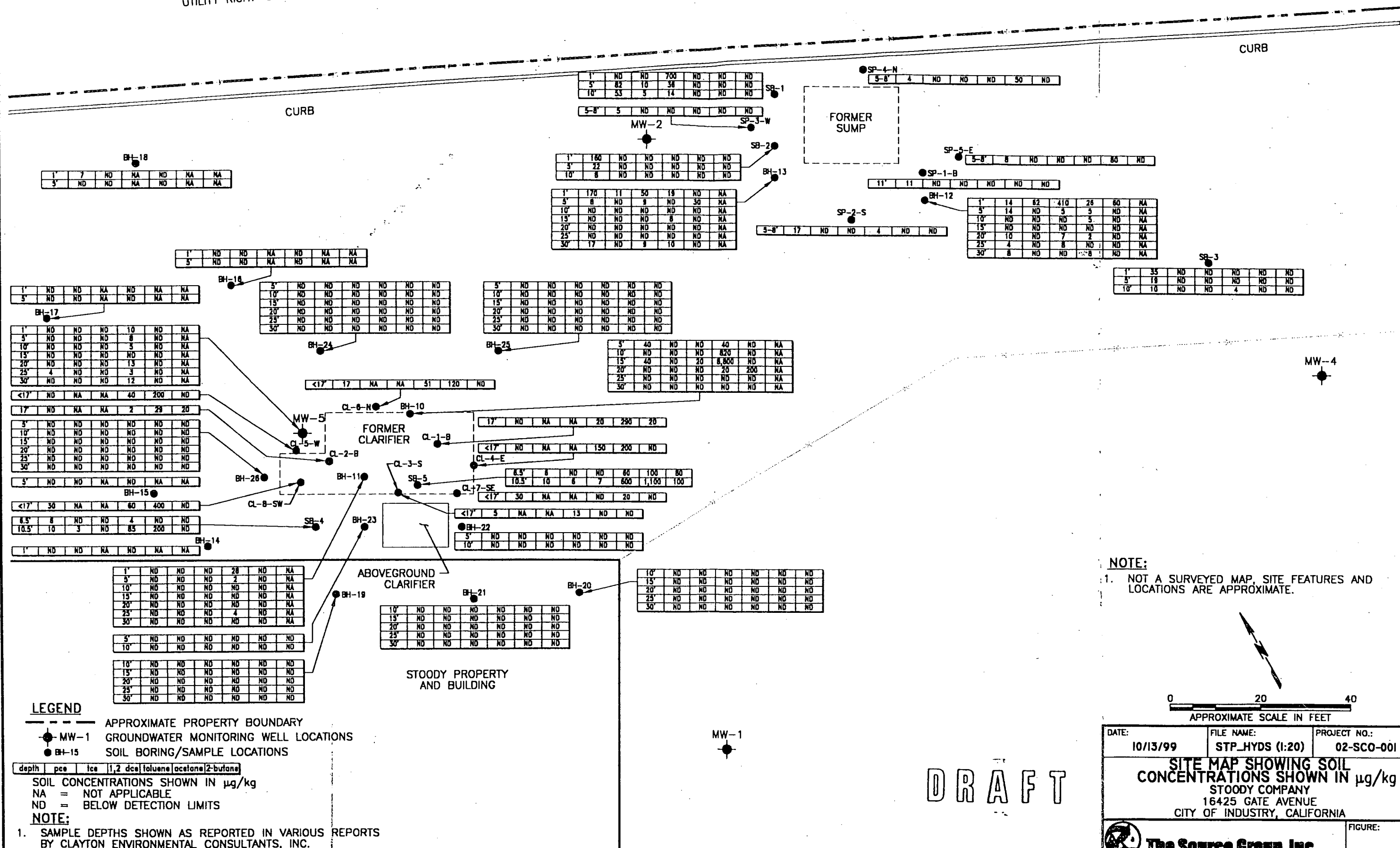
FIGURE

2

41184



UTILITY RIGHT-OF-WAY (HIGH VOLTAGE OVERHEAD LINES)





SOUTHERN PACIFIC RAILROAD

FORMER SUMP  
LOCATION

FORMER CLARIFIER LOCATION  
AND APPROXIMATE REMEDIATION AREA MW-2

ASPHALT

MW-5  
(ABANDONED)

MW-1

MW-4

MW-3

ASPHALT

BUILDING FOOTPRINT

CHAIN LINK FENCE

ASPHALT

APPROXIMATE PROPERTY BOUNDARY

EAST GALE AVENUE



DAYTON ENVIRONMENTAL CONSULTANTS, INC.  
35 CORPORATE AVENUE, SUITE 150  
PRESS, CALIFORNIA 90630

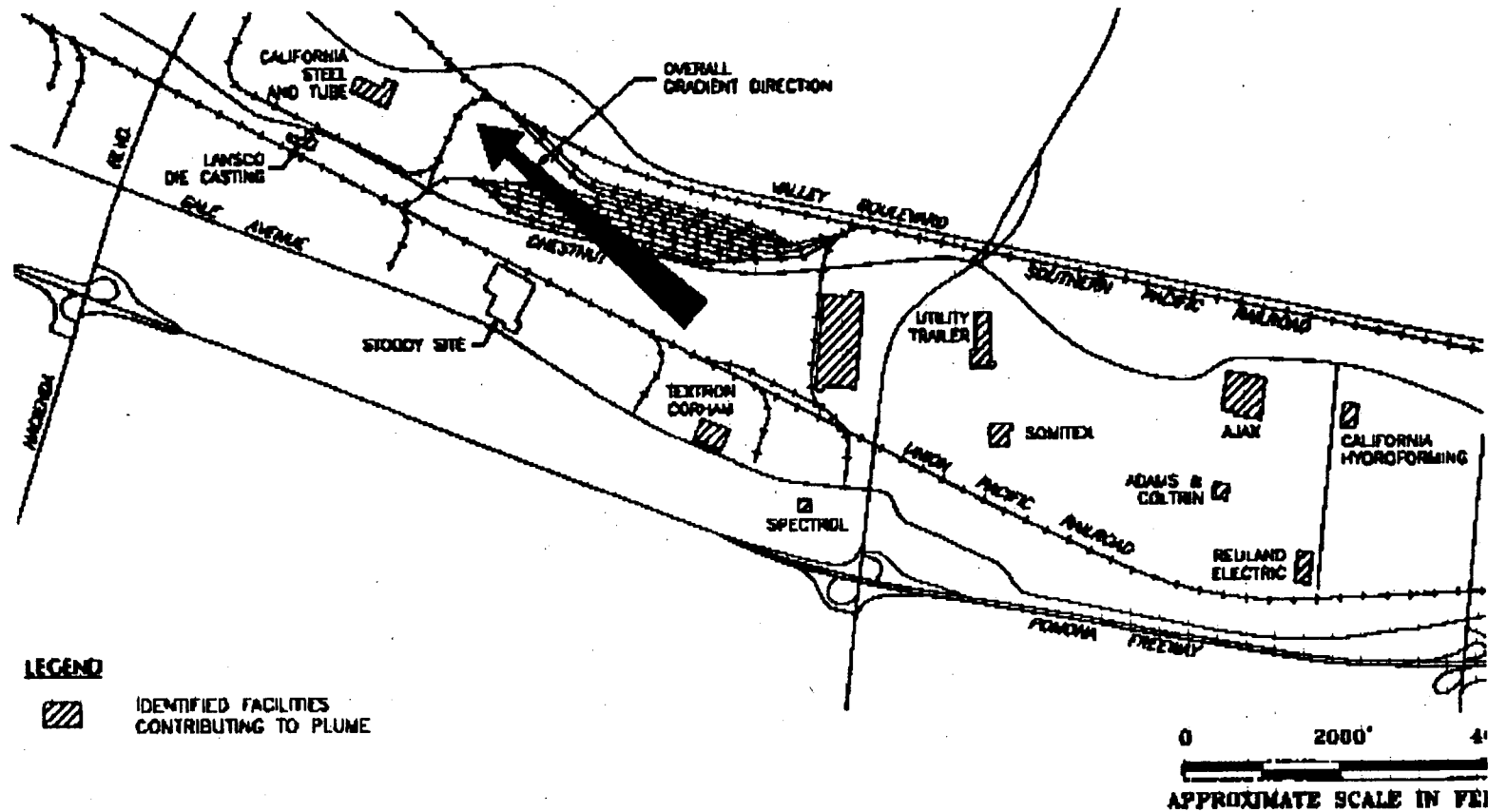
PROJECT NO:  
11181  
SCALE:  
NTS

SITE LAYOUT MAP  
THE STODDY COMPANY  
16425 E. GALE AVENUE  
CITY OF INDUSTRY, CALIFORNIA

DRAWN BY: LWJ  
CHECKED BY: CV  
DATE: 3/94

FIGURE  
2  
41184

# Groundwater Gradient





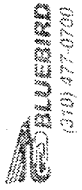
# Summary of Historical Groundwater Analytical Results

## Stoody Company

Well Designation	Sample Date	Volatile Organohalides (EPA 8260A)							
		1,2-Dichloroethane (1,2-DCA) µg/L	cis-1,2-Dichloroethene (1,2-DCE) µg/L	1,1-Dichloroethene (1,1-DCE) µg/L	Tri-chloroethene (TCE) µg/L	Tetra-chloroethene (PCE) µg/L	1,1,1-Trichloroethane (1,1,1-TCA) µg/L	Freon 113 µg/L	Freon 11 µg/L
MW-1	7/24/92	<0.5	3.0	15	37	170	1.4	<0.5	2.7
	10/28/92	<0.5	3.8	20	41	160	1.7	14	3.0
	12/11/92	<0.5	3.9	18	46	240	<0.5	<0.5	3.3
	9/10/93	<0.5	<0.5	5.5	25	56	<0.5	0.7	<0.5
	12/20/93	<0.5	<0.5	8.1	29	64	0.6	<0.5	<0.5
	3/4/94	<0.5	<0.5	19	35	67	1.7	1.9	<0.5
	10/9/98	<5	<5	22	28	97	<5	9.9	<5
MW-2	7/24/92	<0.5	2.7	9.3	26	220	2.9	<0.5	2.3
	10/28/92	<0.5	3.5	12	30	180	3.2	7.7	2.2
	12/11/92	<0.5	3.4	13	35	280	3.3	<0.5	2.7
	9/10/93	<0.5	<0.5	1.2	4.7	96	1.2	2.9	0.6
	12/20/93	<0.5	1.0	8.5	19	170	1.5	7.3	1.2
	3/4/94	<0.5	<0.5	4.3	9.2	160	0.7	4.0	0.9
	10/9/98	<5	<5	19	38	100	<5	13	<5
MW-3	7/24/92	0.6	<0.5	30	49	34	2.4	<0.5	0.6
	10/28/92	0.6	0.6	25	52	41	2.4	15	ND
	12/11/92	0.66	0.83	44	95	88	4.3	<0.5	0.56
	9/10/93	<0.5	<0.5	0.7	2.5	17	<0.5	0.9	<0.5
	12/20/93	0.6	<0.5	40	63	69	2.5	25	<0.5
	3/4/94	<0.5	<0.5	0.9	5.4	9.3	<0.5	<0.5	<0.5
	10/9/98	<5	<5	10	17	17	<5	<5	<5
MW-3A <sup>(1)</sup>	10/9/98	<5	<5	10	17	15	<5	<5	<5
MW-4	7/24/92	<0.5	3.9	17	41	210	1.8	<0.5	4.8
	10/28/92	<0.5	4.7	17	40	160	1.8	13	3.5
	12/11/92	<0.5	4.1	15	44	200	<0.5	<0.5	2.9
	9/10/93	<0.5	2.3	8.6	21	120	1.5	7.6	2.0
	12/20/93	<0.5	4.1	17	39	210	1.8	13	3.2
	3/4/94	<0.5	3.2	14	29	180	1.2	8.4	3.7
	10/9/98	<5	<5	17	37	120	<5	8.1	<5

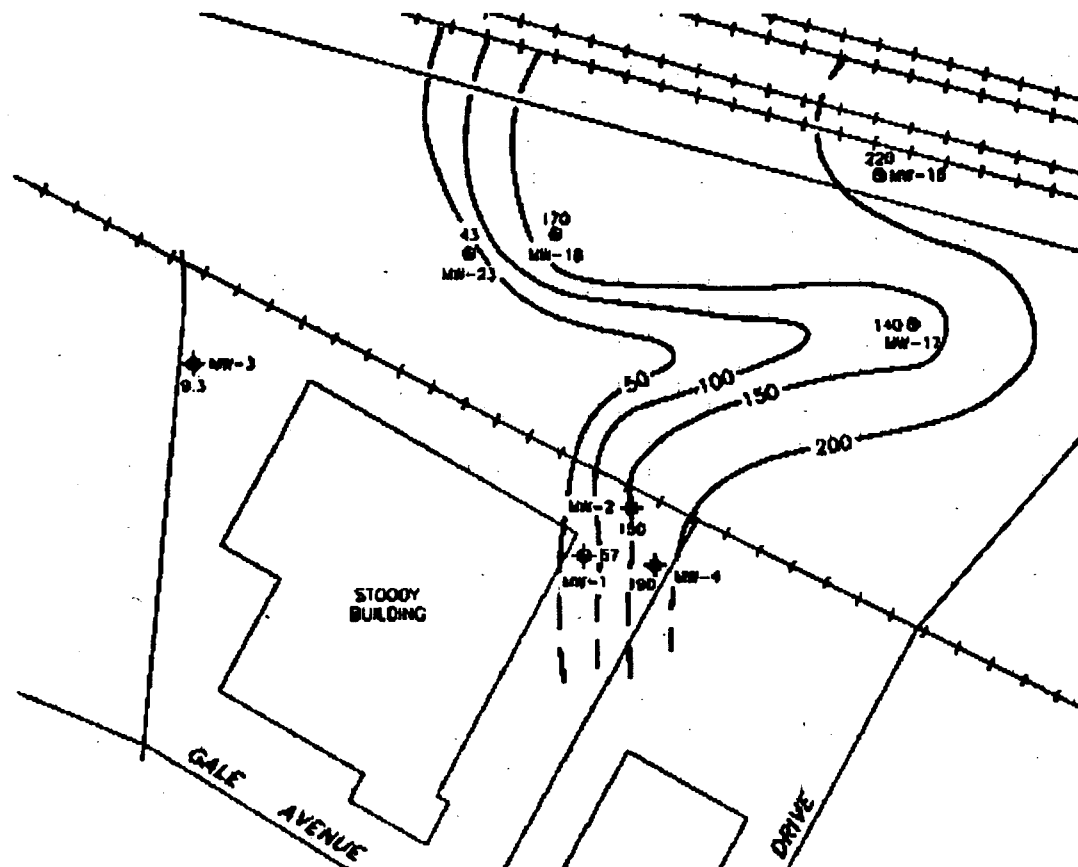




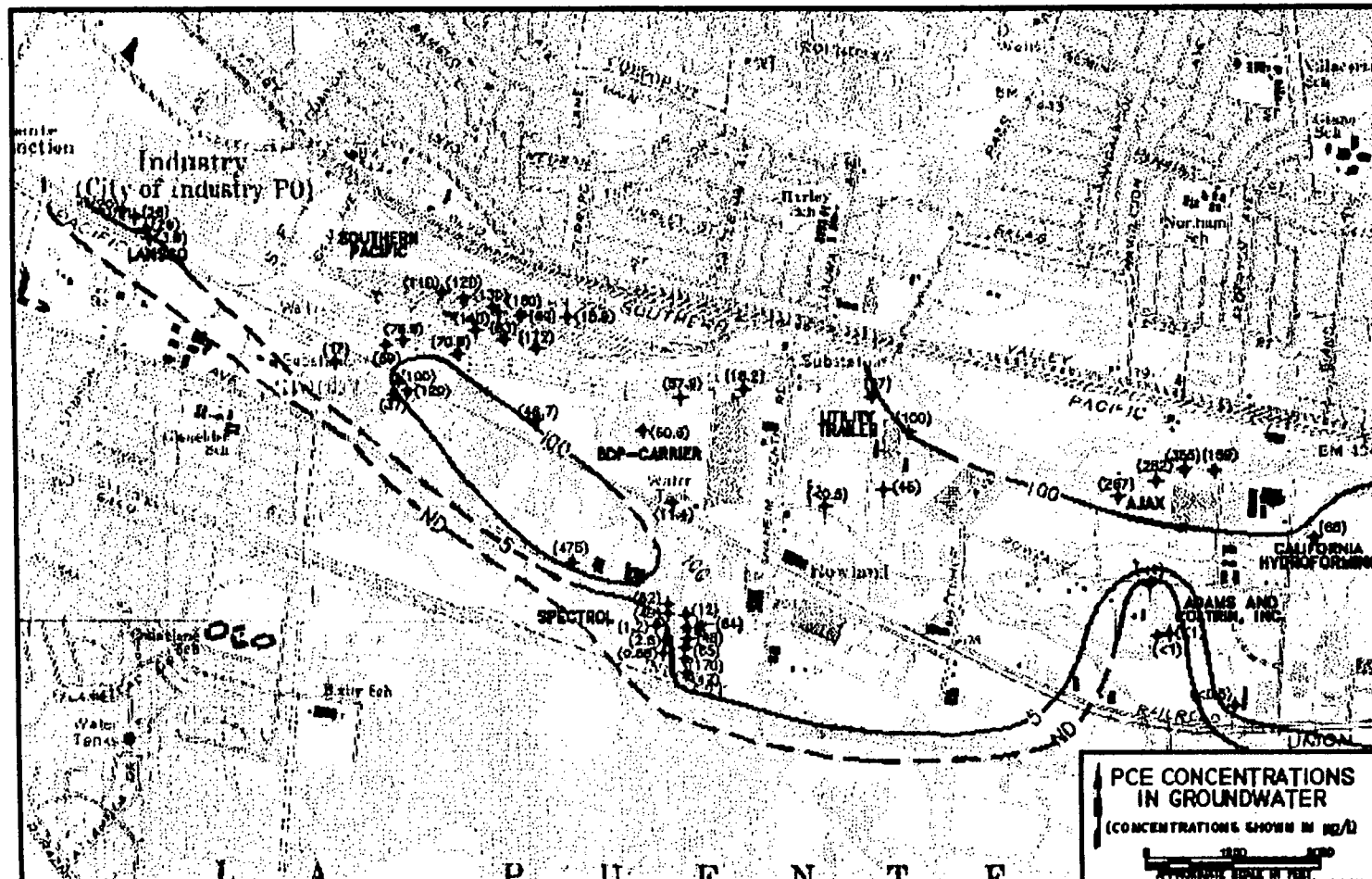


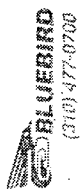
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# PCE Plume map



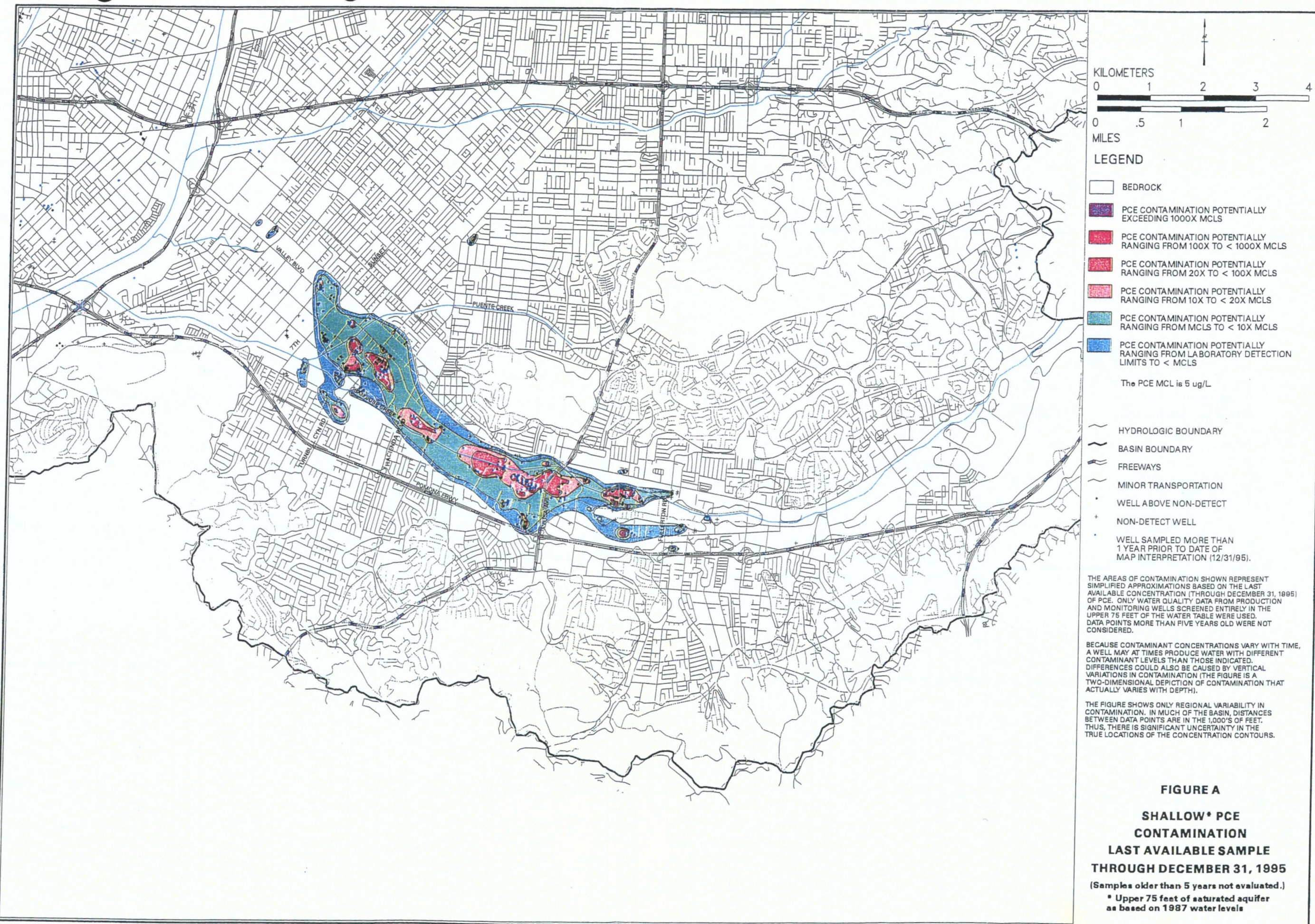
# Regional PCE in Groundwater



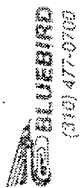


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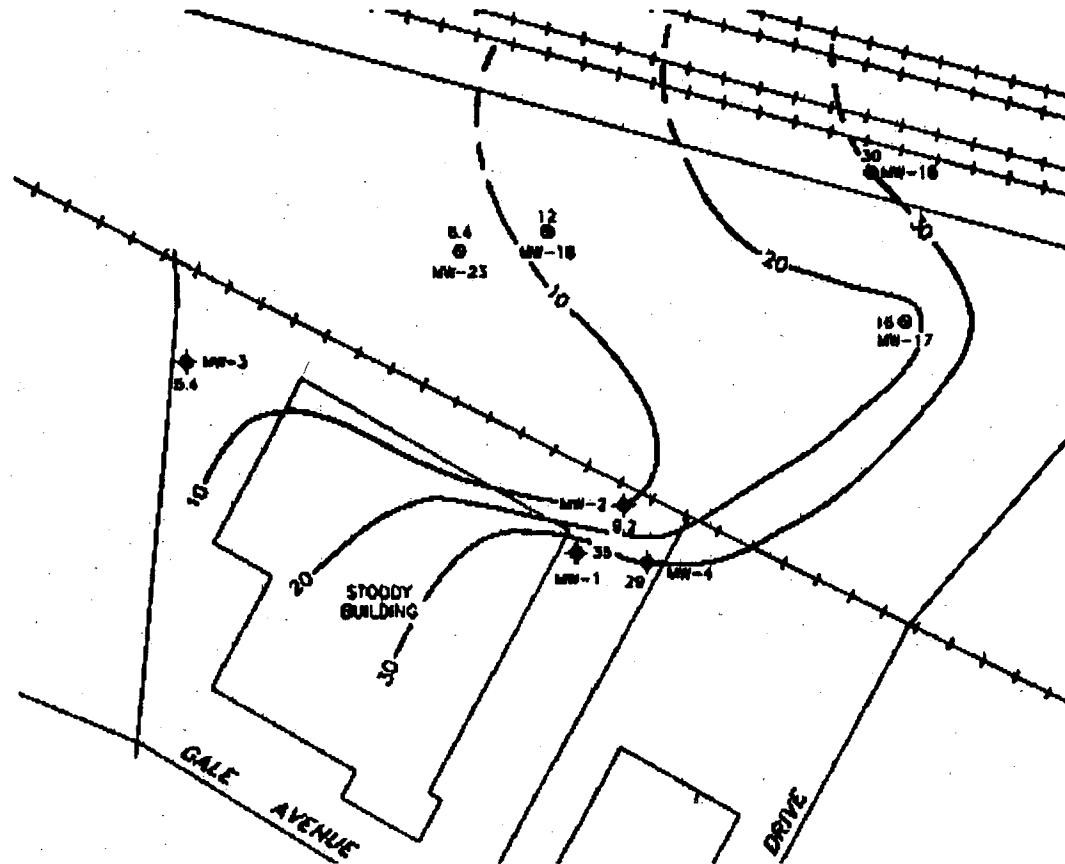




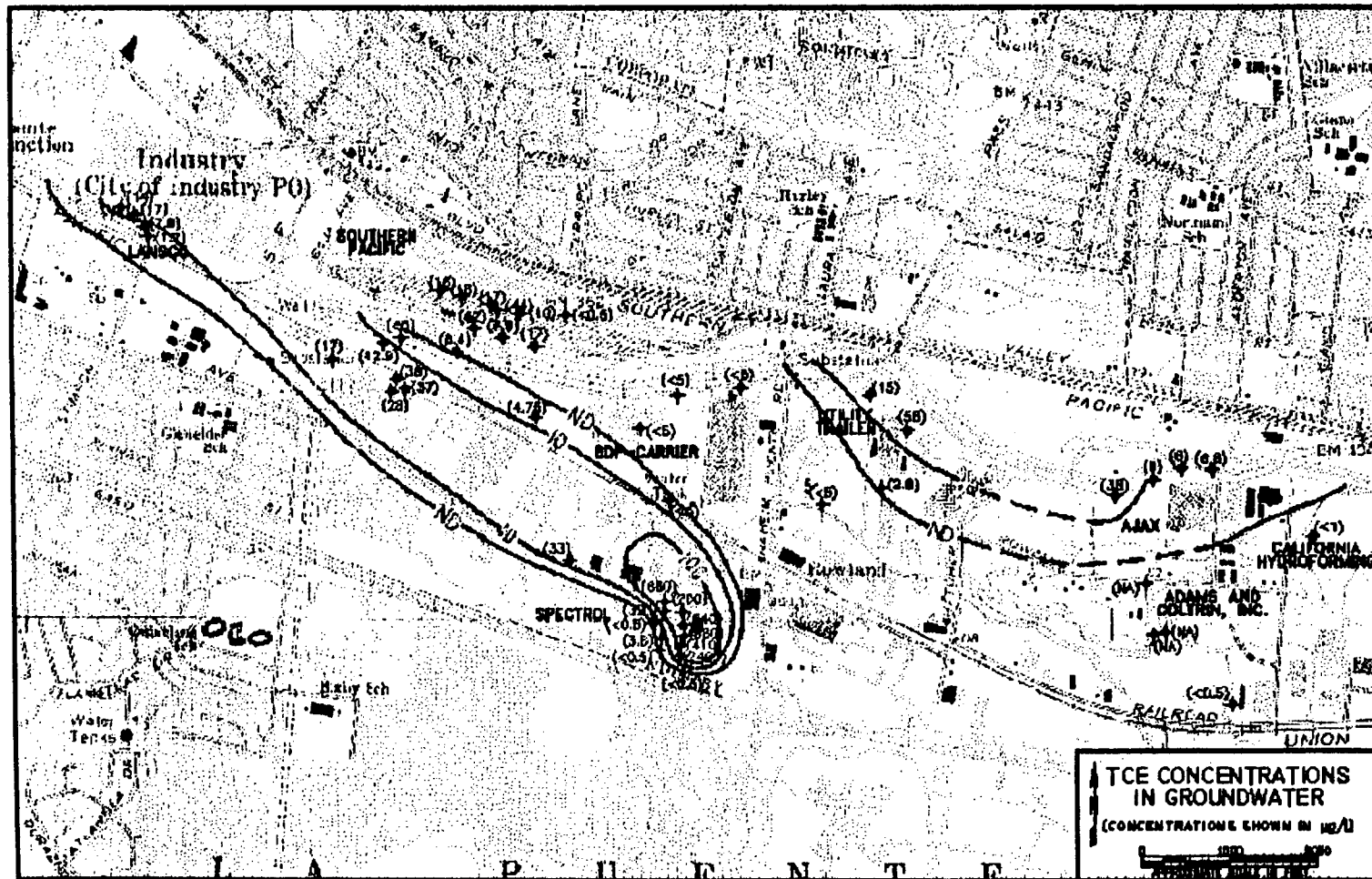


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# TCE Plume Map



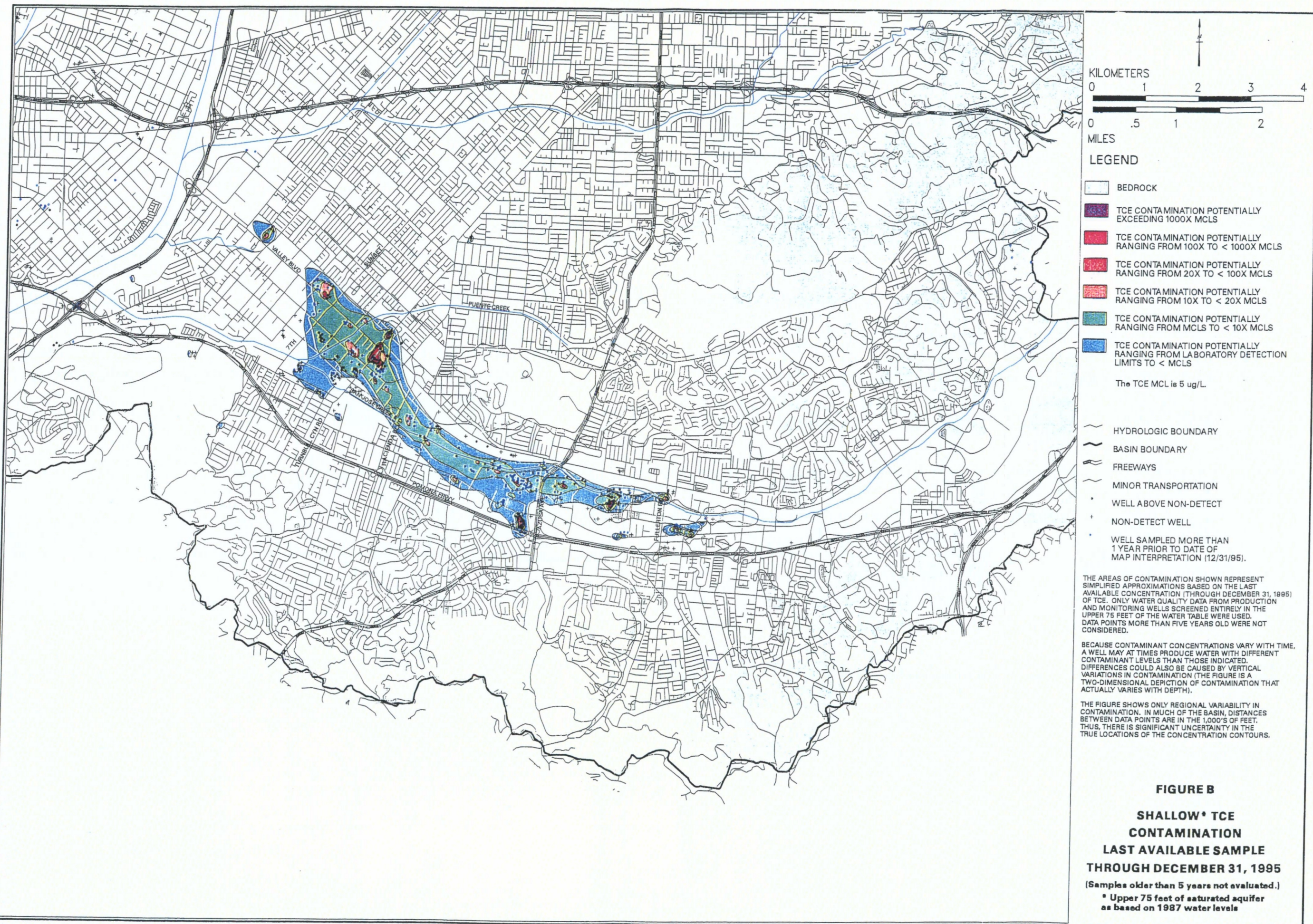
# Regional TCE in Groundwater



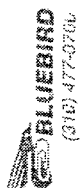


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## APPENDIX A

Concentrations of 1,1-DCE are migrating from the northeast in low concentrations (less than 5 ppb ) and from the east to southeast in higher concentrations (20 ppb ) onto the Stoodly Property. The upgradient wells on the Stoodly Property detected maximum 1,1-DCE concentrations of 14 ppb in MW-4 and 19 ppb in MW-1. Well MW-2, which is upgradient to the former clarifier area and downgradient to the former sump area, detected maximum 1,1-DCE concentration of 4.3 ppb. The down-gradient Stoodly well, MW-3, detected maximum 1,1-DCE concentration of 0.9 ppb. Attached to this Appendix is The Source Group Site Specific 1,1-DCE Plume Map and Regional 1,1-DCE Plume Map.

The CDM Figure D -- attached to this Appendix -- shows concentrations of 1,1-DCE migrating from the northeast in concentrations above MCLs (greater than 6 ppb). CDM Figure D moreover shows the plume to encompass the Stoodly Property. A second "hot spot" is shown on CDM Figure D centered around the well located just south of the Stoodly Property on Gale Avenue. Here, the concentrations are depicted as over 10 times the MCL (between 60 and 120 ppb). The Source Group data collected on the Stoodly Property coincides with the data from CDM Figure D evidencing that the 1,1-DCE plume is migrating onto the Stoodly Property from upgradient sources to the southeast and northeast.

Similarly, concentrations of 1,2-DCE were below detection levels of 5 ppb in the Stoodly wells MW-1, MW-2 and MW-3. The upgradient well, MW-4 detected a low 1,2-DCE concentration of 3.2 ppb. The off-site upgradient wells MW-16, MW-17, and MW-18 detected 1,2-DCE concentrations of 29, 16 and 8.9 ppb , respectively. This data indicate a contaminant migration coming from the northeast toward the Stoodly Property. Attached as Exhibit 11 is The Source Group Site Specific 1,2-DCE Plume Map and the Regional 1,2-DCE Plume Map.

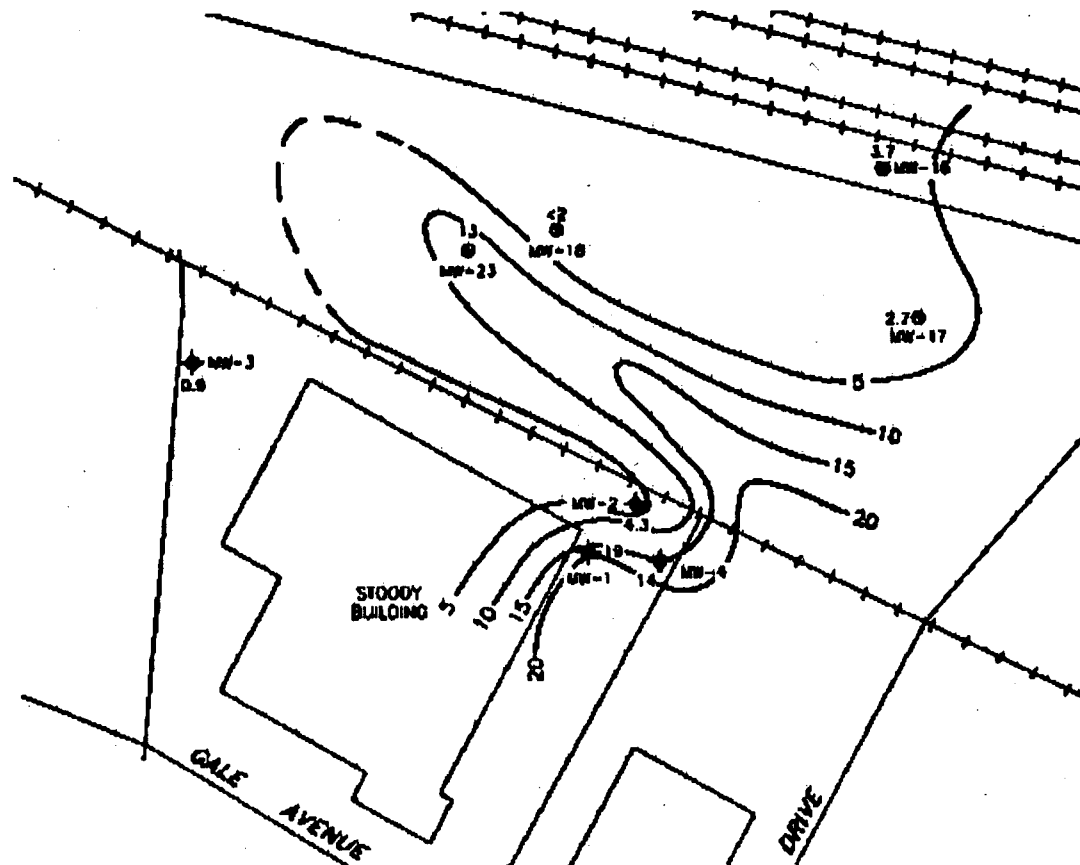
Moreover, CDM Figure C -- attached to this Appendix -- shows 1,2-DCE concentrations of greater than MCLs (greater than 6 ppb ), but less than 60 ppb in the area of the upgradient wells located to the northeast of the Stoodly Property. These wells are located along the edge of the rail yards. The plume is depicted by CDM as being below the MCL in the area of the Stoodly Property which again coincides with the Source Group data collected on the Stoodly Property. Again, the CDM data supports that an off-site source to the northeast of the Stoodly Property is creating the 1,2-DCE groundwater contamination, which migrates and dissipates through the Stoodly Property.

The upgradient wells on the Stoodly site detected maximum 1,1,1-TCA concentrations of 1.2, 1.7, and 0.7 ppb in MW-4, MW-1, and MW-2, respectively. The downgradient well on the Stoodly Property, MW-3, shows non-detect at the detection level of 5 ppb. The CDM wells to the northeast also showed non-detect at detection levels for wells MW-16 and MW-17 and 1 ppb for well MW-18. CDM well MW-23 showed a 1,1,1-TCA concentration of 1.8 ppb . This pattern of contaminant occurrence indicates an off-site source to the southeast. Attached to this Appendix is The Source Group Site Specific 1,1,1-TCA Plume Map and the Regional 1,1,1-TCA Plume Map.

Moreover, CDM Figure E -- attached to this Appendix -- shows levels of 1,1,1-TCA at 10 times the MCLs at areas upgradient of the Stody Property and again support the contention that regional groundwater contaminate plumes are migrating from up-gradient sources beneath the Stody Property.



# 1,1-DCE Plume Map

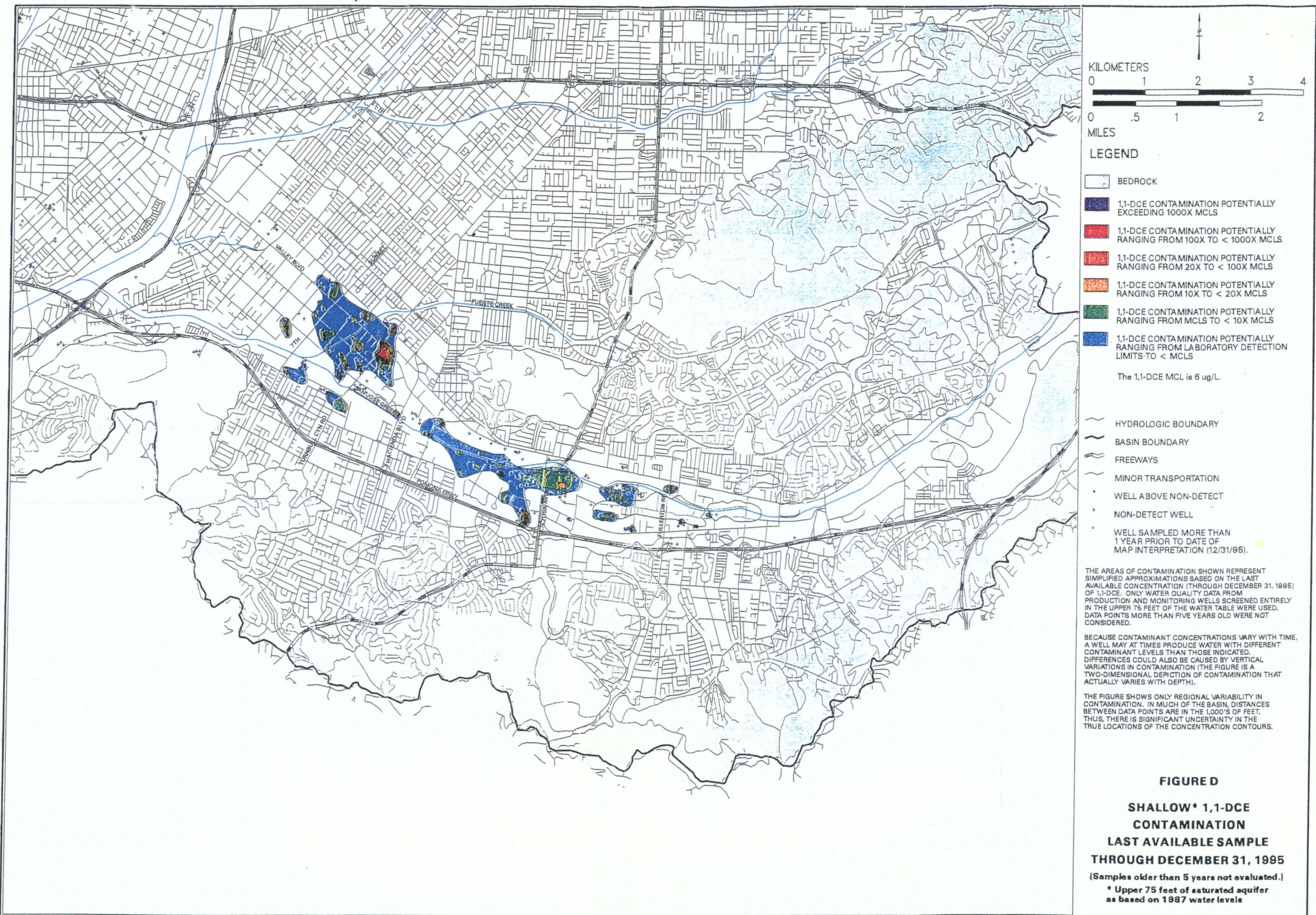


**I,1-DCE CONCENTRATIONS IN GROUNDWATER**  
(CONCENTRATIONS SHOWN IN MG/L)

Scale: 0 1000 2000 FEET

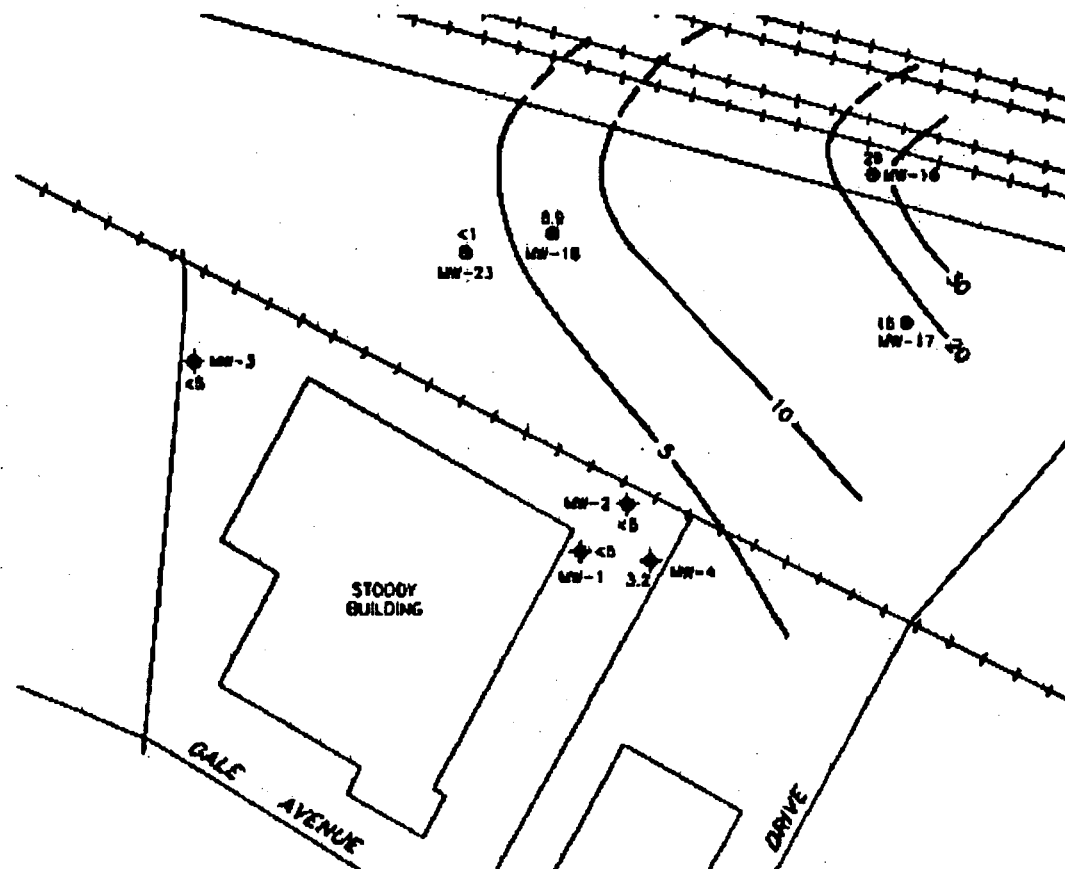
Map Labels: Industry (City of Industry PO), Southern Pacific, Santa Ana, Union Pacific, Spectrol, BDP-CARRIER, Utility Trailer, Ajax, Adams and Carter, Inc., ND, RAILROAD, UNION, 10, 60, 100, 5, 1000, 2000, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000.



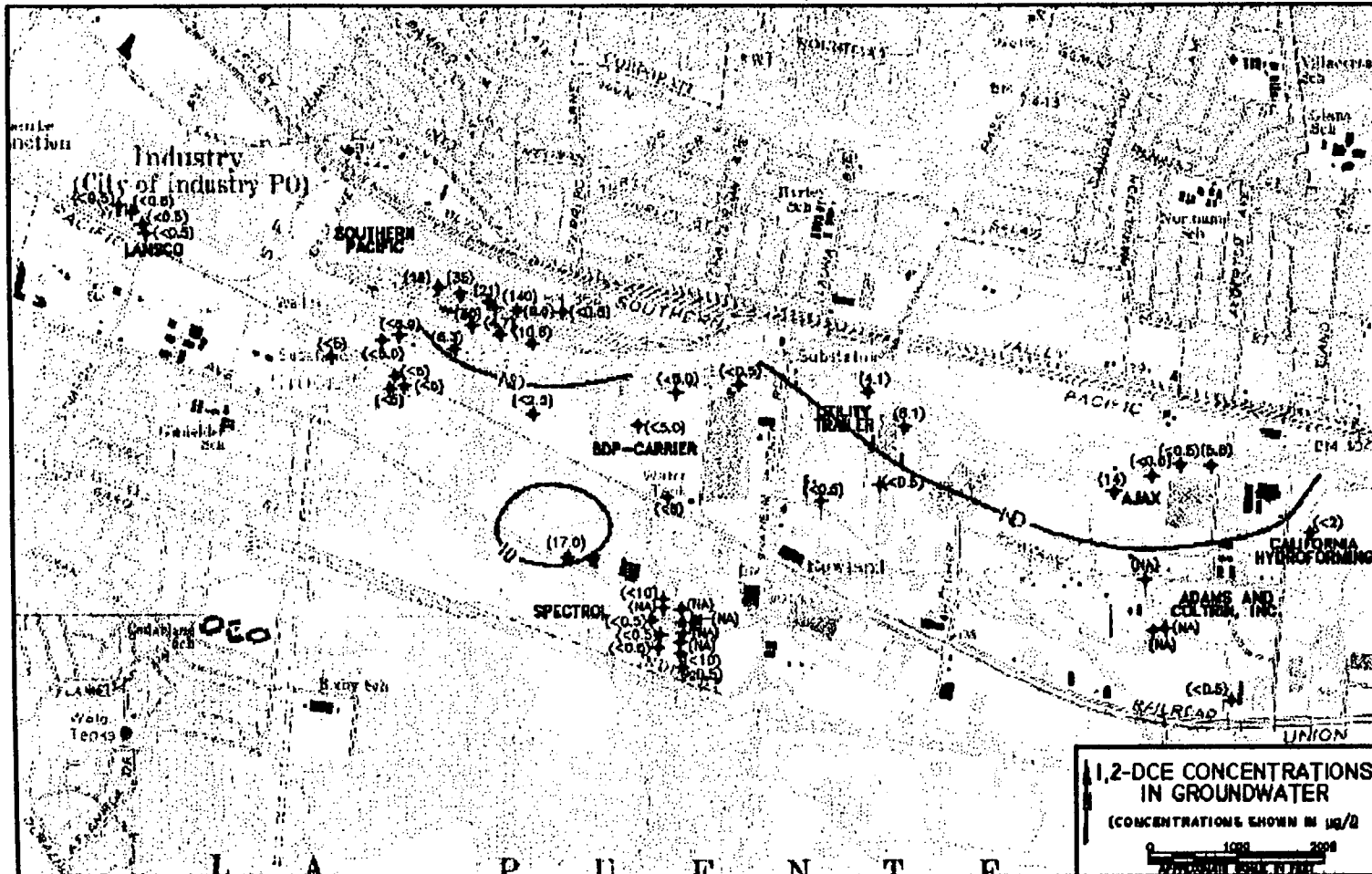




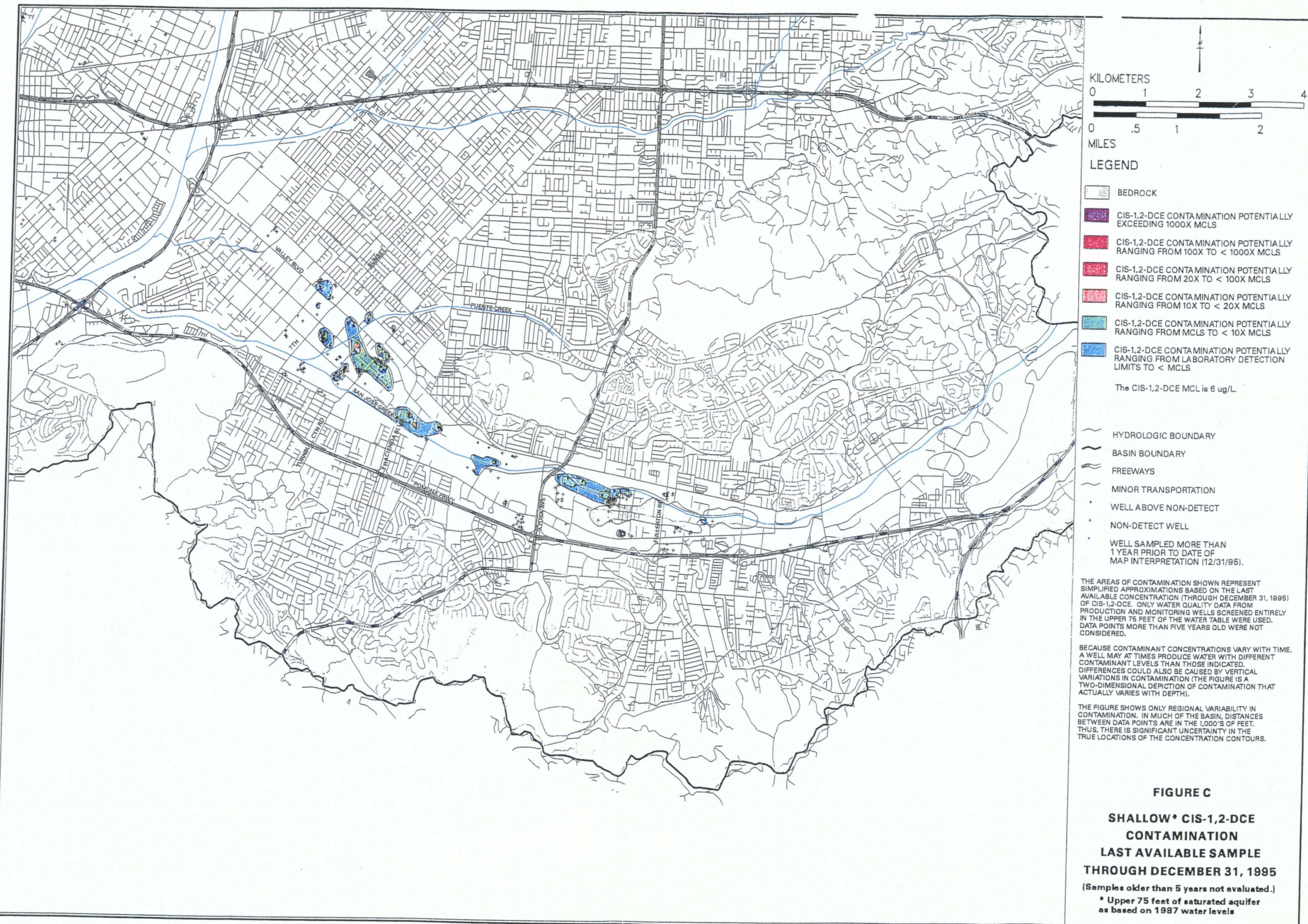
# 1,2-DCE Plume Map



10

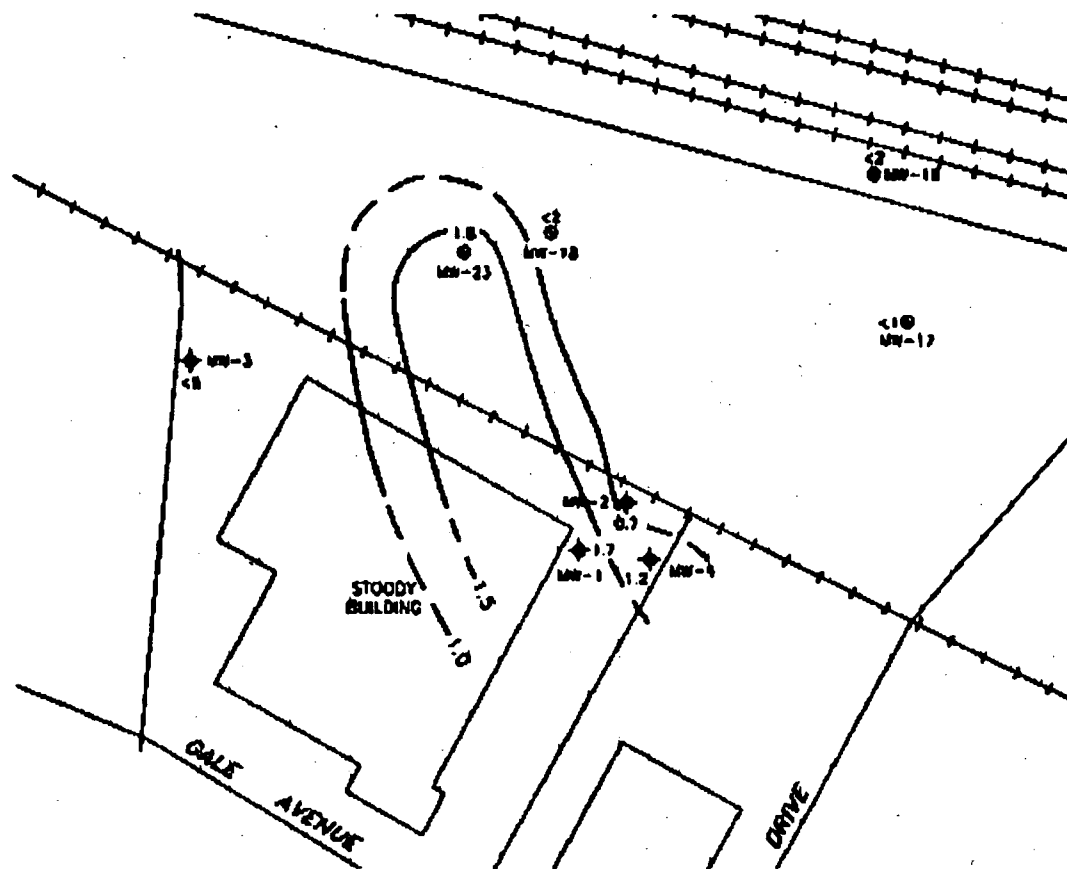




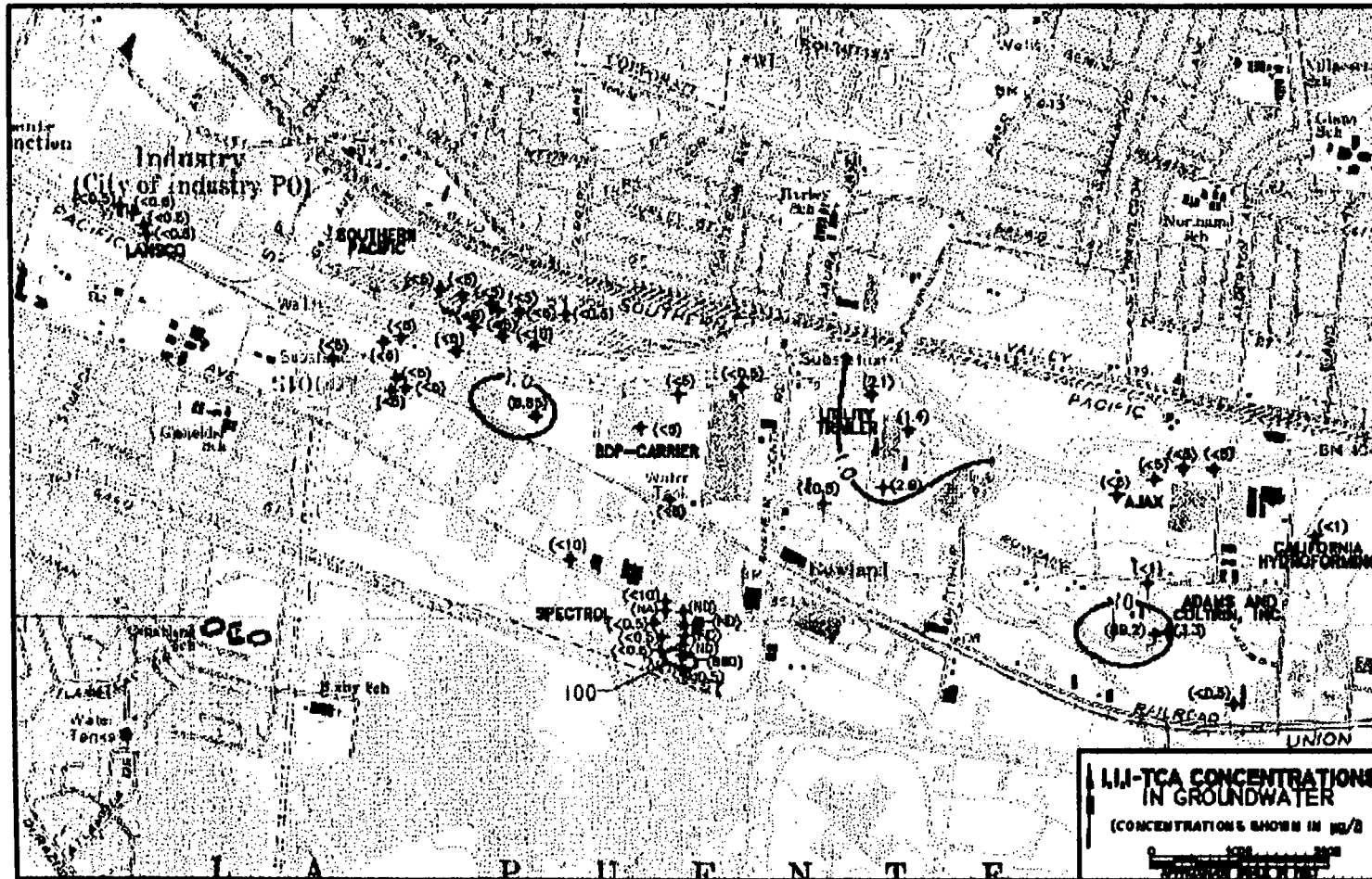




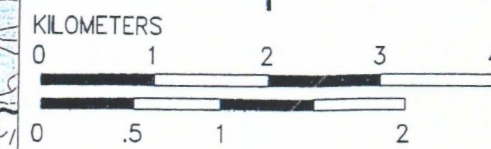
# 1,1,1-TCA Plume Map



# Regional 1,1,1-TCA in Groundwater







LEGEND

- BEDROCK
- 1,1,1-TCA CONTAMINATION POTENTIALLY EXCEEDING 1000X MCLS
- 1,1,1-TCA CONTAMINATION POTENTIALLY RANGING FROM 100X TO < 1000X MCLS
- 1,1,1-TCA CONTAMINATION POTENTIALLY RANGING FROM 20X TO < 100X MCLS
- 1,1,1-TCA CONTAMINATION POTENTIALLY RANGING FROM 10X TO < 20X MCLS
- 1,1,1-TCA CONTAMINATION POTENTIALLY RANGING FROM MCLS TO < 10X MCLS
- 1,1,1-TCA CONTAMINATION POTENTIALLY RANGING FROM LABORATORY DETECTION LIMITS TO < MCLS

The 1,1,1-TCA MCL is 200 ug/L.

- HYDROLOGIC BOUNDARY
- BASIN BOUNDARY
- FREEWAYS
- MINOR TRANSPORTATION
- WELL ABOVE NON-DETECT
- NON-DETECT WELL
- WELL SAMPLED MORE THAN 1 YEAR PRIOR TO DATE OF MAP INTERPRETATION (12/31/95).

THE AREAS OF CONTAMINATION SHOWN REPRESENT SIMPLIFIED APPROXIMATIONS BASED ON THE LAST AVAILABLE CONCENTRATION (THROUGH DECEMBER 31, 1995) OF 1,1,1-TCA. ONLY WATER QUALITY DATA FROM PRODUCTION AND MONITORING WELLS SCREENED ENTIRELY IN THE UPPER 75 FEET OF THE WATER TABLE WERE USED. DATA POINTS MORE THAN FIVE YEARS OLD WERE NOT CONSIDERED.

BECAUSE CONTAMINANT CONCENTRATIONS VARY WITH TIME, A WELL MAY AT TIMES PRODUCE WATER WITH DIFFERENT CONTAMINANT LEVELS THAN THOSE INDICATED. DIFFERENCES COULD ALSO BE CAUSED BY VERTICAL VARIATIONS IN CONTAMINATION (THE FIGURE IS A TWO-DIMENSIONAL DEPICTION OF CONTAMINATION THAT ACTUALLY VARIES WITH DEPTH).

THE FIGURE SHOWS ONLY REGIONAL VARIABILITY IN CONTAMINATION. IN MUCH OF THE BASIN, DISTANCES BETWEEN DATA POINTS ARE IN THE 1,000'S OF FEET. THUS, THERE IS SIGNIFICANT UNCERTAINTY IN THE TRUE LOCATIONS OF THE CONCENTRATION CONTOURS.

**FIGURE E**  
**SHALLOW\* 1,1,1-TCA**  
**CONTAMINATION**  
**LAST AVAILABLE SAMPLE**  
**THROUGH DECEMBER 31, 1995**  
(Samples older than 5 years not evaluated.)  
\* Upper 75 feet of saturated aquifer  
as based on 1987 water levels

04/06/97 10:00 AM 04/06/97 10:00 AM